

| | | |
|---|---|---|
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV 10/04) | | ATTORNEY'S DOCKET NUMBER AK-480XX |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/517011 |
| INTERNATIONAL APPLICATION NO. PCT/JP2003/002075 | INTERNATIONAL FILING DATE 25 February 2003 | PRIORITY DATE CLAIMED 21 June 2002 |
| TITLE OF INVENTION WATER-SOLUBLE POLYMER DISPERSION, PROCESS FOR PRODUCING THE SAME AND METHOD OF USE THEREFOR | | |
| APPLICANT(S) FOR DO/EO/US Takumi Ohara; Emiko Odaka; Ryoussuke Yoneymoto | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. | | |
| 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. | | |
| 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. | | |
| 4. <input checked="" type="checkbox"/> The US has been elected. (Article 31). | | |
| 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) | | |
| a. <input type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). | | |
| b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). | | |
| 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)). | | |
| a. <input checked="" type="checkbox"/> is attached hereto. | | |
| b. <input type="checkbox"/> had been previously submitted under 35 U.S.C. 154(d)(4). | | |
| 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) | | |
| a. <input type="checkbox"/> are attached herewith (required only if not transmitted by the International Bureau). | | |
| b. <input type="checkbox"/> have been communicated by the International Bureau. | | |
| c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. | | |
| d. <input checked="" type="checkbox"/> have not been made and will not be made. | | |
| 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | |
| 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | |
| 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11. to 20. below concern document(s) or information included: | | |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. <u>(with attached copy of International Search Report)</u> | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | |
| 13. <input checked="" type="checkbox"/> A preliminary amendment. | | |
| 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. | | |
| 15. <input type="checkbox"/> A substitute specification. | | |
| 16. <input type="checkbox"/> A power of attorney and/or change of address letter. | | |
| 17. <input type="checkbox"/> A computer readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 U.S.C. §1.821-1.825 | | |
| 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). | | |
| 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | |
| 20. <input type="checkbox"/> Other items or information: | | |

Express Mail Number

EV 223344676 US

| | | | | | |
|---|--|--|--|--------------------------------------|--|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/517011 | | INTERNATIONAL APPLICATION NO. PCT/JP2003/002075 | | ATTORNEY'S DOCKET NUMBER AK-480XX | |
|---|--|--|--|--------------------------------------|--|

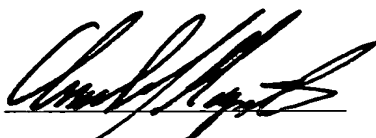
| | | | | | |
|--|--------------|--------------|------------------|----------------------------------|-----------|
| 21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,110.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$790.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$750.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | CALCULATIONS PTO USE ONLY | |
| | | | | \$ 950.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 105 - 20 = | 85 | X \$18.00 | \$1,530.00 | |
| Independent claims | 3 - 3 = | 0 | X \$88.00 | \$ 0 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | +\$300.00 | \$ 300.00 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$2,780.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$1,390.00 | |
| SUBTOTAL = | | | | \$1,390.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ 0 | |
| TOTAL NATIONAL FEE = | | | | \$1,390.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$ | |
| TOTAL FEES ENCLOSED = | | | | \$1,390.00 | |
| | | | | Amount to be Refunded: | \$ |
| | | | | Charged: | \$ |

a. ☒ check in the amount of \$ 1,390.00 to cover the above fees is enclosed. A check in the amount of \$ _____
is enclosed for the assignment recordation fee.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 23-0804. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international application to pending status.

| | |
|---|---|
| <input checked="" type="checkbox"/> Customer Number 207 | which is associated with the Law Firm of: WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP Ten Post Office Square Boston, Massachusetts 02109 United States Telephone: (617) 542-2290 Fax: (617) 451-0313 |
| Attorney Signature:  | Date: <u>12-7-4</u> |
| Attorney Name: <u>Charles L. Gagnebin III</u> | Registration No: <u>25,467</u> |